JOURNAL OF ORGANOMETTALIC CHEMISTRY, VOL. 361, NO. 2

AUTHOR INDEX

Airoldi, C., (361) 319
Albanov, A.I., (361) 147
Alcock, N.W., (361) 409, C33
Ang, H.G., (361) 27
Arai, T., (361) 159
Asfandiarov, N.L., (361) 79

Bannikova, O.B., (361) 147
Baruah, J.B., (361) C57
Baukov, Yu.I., (361) 147
Belousova, L.I., (361) 147
Bertani, R., (361) 253
Berton, A., (361) 253
Bettonville, S., (361) 17
Bressan, M., (361) 247
Brown, J.M., (361) 247
Bruce, M.I., (361) 369
Brune, H.-A., (361) 299
Brunet, J.-J., (361) C1
Burlitch, J.M., (361) 229
Burshtein, K.Y., (361) 21
Butcher, R.J., (361) 53

Carriedo, G.A., (361) 195
Ceder, R.M., (361) 391
Chagas, A.P., (361) 319
Chizhov, Yu.V., (361) 79
Constable, E.C., (361) 275
Cowie, M., (361) 353
Crociani, B., (361) 253
Cutler, A.R., (361) C41

Dargatz, M., (361) 43
De V. Steyn, M.M., (361) 353
Degnan, I.A., (361) C33
Di Bianca, F., (361) 253
Dias, A.R., (361) 319

Elsevier, C.J., (361) C61
Eremenko, N.K., (361) 405

Forschner, T.C., (361) C41

Gasanov, T.K., (361) 171, 179
Giovenco, A., (361) 253
Glaser, J., (361) 1
Goffart, J., (361) 17
Goldschmidt, Z., (361) 205
Gómez, M., (361) 391
Gottlieb, H.E., (361) 205
Guarnieri, A., (361) 399
Güthner, T., (361) 309
Györi, B., (361) 1

Habben, C.D., (361) 289
Hanika, G., (361) C25
Hartung, H., (361) 43
Haubold, W., (361) C54
Heil, B., (361) 117
Henney, R.P.G., (361) 275
Herrndorf, M., (361) 139
Huber, B., (361) C25
Humphrey, P.A., (361) 369
Håkansson, M., (361) 267

Imhoff, P., (361) C61
Isaev, A.N., (361) 21

Jagner, S., (361) 267
Jeannin, Y., (361) 195

Kaim, W., (361) 335
Kalikhman, I.D., (361) 147
Karsch, H.H., (361) C25
Kawasaki, N., (361) C37
Keller, W., (361) C54
Kelly, R.D., (361) 123
Kleinpeter, E., (361) 43
Kong, N.W., (361) 53
Kramarova, E.P., (361) 147
Kravtsov, D.N., (361) 79
Kreissl, F.R., (361) C30
Kumar Das, V.G., (361) 53
Kurasov, S.S., (361) 405
Kvintovics, P., (361) 117
Kwik, W.L., (361) 27

Lee, G.H., (361) 89
Leese, T.A., (361) 275
Liang, M., (361) 185
Lin, J.T., (361) 89
Linderman, R.J.,(361) 31
Lutsenko, A.I., (361) 179
Lyatifov, I.R., (361) 171, 179

Macomber, D.W., (361) 185
Madhukar, P., (361) 185
Mahon, M.F., (361) C5
Markó, L., (361) 109
Martinho Simões, J.A., (361) 319
Masuzoe, K., (361) C37
McKenzie, J.R., (361) 31
McPartlin, M., (361) C33
Molloy, K.C., (361) C5
Morvillo, A., (361) 247
Müller, G., (361) C25

Nakamura, A., (361) 159

Ohe, K., (361) 63
Okamoto, T., (361) 159
Olbrich-Deussner, B., (361) 335

Párkányi, L., (361) 109
Parkins, A.W., (361) 399
Pestunovich, V.A., (361) 147
Petrovski, P.V., (361) 179
Philoche-Levisalles, M., (361) 195
Plaquevent, J.C., (361) C51
Platt, A.W.G., (361) 409
Pohl, S., (361) 139
Powell, H.H., (361) 409
Powell, H.R., (361) C33
Pringle, P.G., (361) 409

Ravard, A., (361) C51
Rensch, B., (361) 43
Ricalton, A., (361) 101
Riede, J., (361) C25
Riera, V., (361) 195

Saak, W., (361) 139
Sales, J., (361) 391

Samuelson, A.G., (361) C57
Sanchez, M.G., (361) 195
Sánchez, A., (361) 1
Schäfer, A., (361) 139
Scherer, O.J., (361) C11
Schmidtberg, G., (361) 299
Schollmeyer, D., (361) 43
Schubert, U., (361) C15
Sheldrick, G.M., (361) C33
Sherlock, S.J., (361) 353
Shipov, A.G., (361) 147
Shnulin, A.N., (361) 171
Shorygin, P.P., (361) 21
Singleton, E., (361) 353
Skelton, B.W., (361) 369
Slovokhotov, Yu.L., (361) 405
So, S.P., (361) 283
Stepanov, A.G., (361) 155
Steyn, M.M. de V., (361) 353
Struchkov, Yu.T., (361) 405
Sugita, N., (361) 63
Taillefer, M., (361) C1
Takács, J., (361) 109
Takahashi, H., (361) 63
Teixeira, C., (361) 319
Therisod, M., (361) C8
Thewalt, U., (361) 309
Timoshenko, M.M., (361) 79
Tyler, S.J., (361) 229

Uemura, S., (361) 63
Ullrich, N., (361) C30
Urelats, I.A., (361) 79

Verma, A.G., (361) 185
Voronkov, M.G., (361) 147

Wagner, H., (361) C15
Wallbridge, M.G.H., (361) C33
Wang, Y., (361) 89
Waterfield, P.C., (361) C5
Wayda, A.L., (361) 73
Wei, C., (361) 43
Weichmann, H., (361) 43
Weidenbruch, M., (361) 139
Weisemann, C., (361) 299
White, A.H., (361) 369
Whiteley, M.W., (361) 101
Wiedemann, W., (361) C11
Wilczewski, T., (361) 217
Winter, M.J., (361) C18
Wolmershäuser, G., (361) C11
Woodward, S., (361) C18

Yamamoto, A., (361) C37
Yasuda, H., (361) 159
Yeh, S.K., (361) 89
Young, G.B., (361) 123
Yur'eva, L.P., (361) 79

Zaitseva, N.N., (361) 79

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 361 (1989)

SUBJECT INDEX

Aluminium

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Arsenic

Bis(triphenylarsine oxide)(*p*-chlorophenyl)diphenyltin(IV) tetraphenylborate, [(*p*-ClC_6H_4)$Ph_2Sn(Ph_3AsO)_2$][BPh_4], synthesis and crystal structure of (N.W. Kong, C. Wei, V.G. Kumar Das, R.J. Butcher), (361) 53

[(η^5-C_5H_4Me)Cr(μ,η^5-As_5)Cr(η^5-C_5H_4Me)], a triple-decker sandwich complex with cyclic As_5, structure of (O.J. Scherer, W. Wiedemann, G. Wolmershäuser), (361) C11

Boron

2,3-Dihydro-4*H*-1,3,2-thiazaborine-4-ones, synthesis and properties of (C.D. Habben), (361) 289

Halogenated carboranes, preparation by pyrolysis of (W. Haubold, W. Keller), (361) C54

Monomeric phosphinoboranes, synthesis and rearrangements of (H.H. Karsch, G. Hanika, B. Huber, J. Riede, G. Müller), (361) C25

Cadmium

Pentafluorophenyl-zinc and -cadmium compounds, formation and structure of $(C_6F_5)_2Zn(thf)_2$ and tetrameric C_6F_5CdOH (M. Weidenbruch, M. Herrndorf, A. Schäfer, S. Pohl, E. Saak), (361) 139

Chromium

Bis-arene-chromium complexes, electronic structure of (Yu.V. Chizhov, M.M. Timoshenko, L.P. Yur'eva, N.N. Zaitseva, I.A. Urelets, D.N. Kravtsov, N.L. Asfandiarov), (361) 79

Bis(trimethylcyclopentadienyldicarbonylchromium), crystal and molecular structure of $[(CH_3)_3C_5H_2Cr(CO)_2]_2$ (T.K. Gasanov, I.R. Lyatifov, A.N. Shnulin), (361) 173

[(η^5-C_5H_4Me)Cr(μ,η^5-As_5)Cr(η^5-C_5H_4Me)], a triple-decker sandwich complex with cyclic As_5, structure of (O.J. Scherer, W. Wiedemann, G. Wolmershäuser), (361) C11

Mononuclear $(CH_3)_nCpM(CO)_3^- Na^+$ and dimeric $[(CH_3)_nCpM(CO)_2]_2$ complexes, NMR studies of (I.R. Lyatifov, T.K. Gasanov, P.V. Petrovski, A.I. Lutsenko), (361) 181

Cobalt

Alkylidyne complex, [W(≡CR)$(CO)_2$(η-C_5H_5)], reactions with dicobaltatetrahedranes of; crystal structure of [$Co_2W(\mu_3$-PhCCHCR)(μ-CO)$(CO)_5$(η-C_5H_5)] · H_2O (R = C_6H_4Me-4) (G.A. Carriedo, V. Riera, M.G. Sanchez, Y. Jeannin, M. Piloche-Levisalles), (361) 197

Benzoyl(carbonyl)transition metal complexes reactions with $LiNMe_2$ or; reaction route to α-keto amide through an acyl(carbamoyl)cobalt intermediate (N. Kawasaki, K. Masuzoe, F. Ozawa, A. Yamamoto), (361) C37

Iron-cobalt bimetallic catalysis, method for carbonylation of aryl iodides under mild conditions (J.-J. Brunet, M. Taillefer), (361) C1

Octacarbonyldicobalt, $Co_2(C)O_8$-mediated and -catalyzed carbonylation of diaryl diselenides and ditellurides with CO (S. Uemura, H. Takahashi, K. Ohe, N. Sugita), (361) 63

Phenylacetylene-derived metallacycles containing cobalt and mercury, structure and reactivity of (S.J. Tyler, J.M. Burlitch), (361) 231

Copper

α-Alkoxy- and α-alkyl-substituted organocuprates, regioselectivity of addition of in-situ trimethylsilyl chloride to enals (R.J. Lindermann, J.R. McKenzie), (361) 31

Copper(I) promoted C–C bond forming reactions, direct activation of allyl alcohols by (J.B. Baruah, A.G. Samuelson), (361) C57

Polymeric complex between methyl acrylate and copper(I) chloride, synthesis and structure of (M. Håkansson, S. Jagner), (361) 269

Gallium

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Germanium

σ-Bonded allyl compounds, σ-π interaction in; a MNDO study (K.Y. Burshtein, A.N. Isaev, P.P. Shorygin), (361) 21

Gold

Mono- and bi-nuclear complexes of the rigid bidentate ligand 2-ethylthio-5-diphenylphosphinofuran (M. Bressan, A. Morvillo, J.M. Brown), (361) 249

6-(2″-Thienyl)-2,2′-bipyridine, direct cycloauration of (E.C. Constable, R.P.G. Henney, T.A. Leese), (361) 277

Indium

Mono- and bi-nuclear complexes of the rigid bidentate ligand 2-ethylthio-5-diphenylphosphinofuran (M. Bressan, A. Morvillo, J.M. Brown), (361) 249

Phosphidoindium compounds, preparation of; crystal structures of $In(PBu^t_2)_3$ and $[Et_2InPBu^t_2]_2$ (N.W. Alcock, I.A. Degnan, M.G.H. Wallbridge, H.R. Powell, M. McPartlin, G.M. Sheldrick), (361) C33

Iridium

$Rh(\eta^4\text{-}C_8H_{12})\{\eta^5\text{-}C_5(CO_2Me)_5\}$, $Rh(azb)_2\{C_5(CO_2Me)_5\}$, and $[M(CO)\{OC(OH)Me\}(PPh_3)_2][C_5(CO_2Me)_5]$ (M = Rh and Ir), crystal structures of (M.I. Bruce, P.A. Humphrey, B.W. Skelton, A.H. White), (361) 369

Iron

$(\eta^5\text{-Indenyl})(CO)_2Fe^{13}C(O)CH_3$ labeled complexes, interconversion of acetyl- and terminal-carbonyl groups in (T.C. Forschner, A.R. Cutler), (361) C41

$Fe(CO)_2(dppe)(SR)_2$ and $Fe_3(CO)_6(SAr)_6$ complexes synthesis and some reactions of; crystal structure of *cis,cis,cis*-$Fe(CO)_2(dppe)(SPh)_2$ (J. Takács, L. Markó, L. Párkányi), (361) 109

Fluxional [2,2]-sigmahaptotropic rearrangement by the spin saturation transfer technique and line shape analysis, kinetic studies of (Z. Goldschmidt, H.E. Gottlieb), (361) 207

Iron-cobalt bimetallic catalysis, method for carbonylation of aryl iodides under mild conditions (J.-J. Brunet, M. Taillefer), (361) C1

Tetranuclear hydroxocarbonyl-molybdenum and -tungsten complexes, $[Et_4N]_4[Mo(CO)_3(\mu_3\text{-}OH)]_4$ and $[Et_4N]_4[W(CO)_3(\mu_3\text{-}OH)]_4$, synthesis and characterization of (J.T. Lin, S.K. Yeh, G.H. Lee, Y. Wang), (361) 89

Lanthanium

Mono-, bis- and tris-(t-butylcyclopentadienyl)lanthanoid complexes, formation of (A.L. Wayda), (361) 73

Lead

σ-Bonded allyl compounds, σ-π interaction in; a MNDO study (K.Y. Burshtein, A.N. Isaev, P.P. Shorygin), (361) 21

Lithium

Benzoyl(carbonyl)transition metal complexes reactions with $LiNMe_2$ or; reaction route to α-keto amide through an acyl(carbamoyl)cobalt intermediate (N. Kawasaki, K. Masuzoe, F. Ozawa, A. Yamamoto), (361) C37

Ethylene-lithium complexes, structures and bonding of (S.P. So), (361) 283

Silylsilver complexes, formation of (U. Schubert, H. Wagner), (361) C15

Trityllithium, synthesis of a secondary chiral amine via β-elimination of (J.-C. Plaquevent, A. Ravard), (361) C51

α,β-Unsaturated carbene-tungsten complex, $(CO)_5W[C(OCH_3)CH{=}CH_2]$, synthesis and reactivity of (D.W. Macomber, M. Liang, P. Madhukar, A.G. Verma), (316) 187

Lutetium

Mono-, bis- and tris-(t-butylcyclopentadienyl)lanthanoid complexes, formation of (A.L. Wayda), (361) 73

Mercury

σ-Bonded allyl compounds, σ-π interaction in; a MNDO study (K.Y. Burshtein, A.N. Isaev, P.P. Shorygin), (361) 21

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Phenylacetylene-derived metallacycles containing cobalt and mercury, structure and reactivity of (S.J. Tyler, J.M. Burlitch), (361) 231

Metallocenes

Allylniobocene compounds, formation by hydrometalation of conjugated dienes with $NbH(C_5H_5)_2$(olefin) of (H. Yasuda, T. Arai, T. Okamoto, A. Nakamura), (361) 161

$[(\eta^5\text{-}C_5H_4Me)Cr(\mu,\eta^5\text{-}As_5)Cr(\eta^5\text{-}C_5H_4Me)]$, a triple-decker sandwich complex with cyclic As_5, structure of (O.J. Scherer, W. Wiedemann, G. Wolmershäuser), (361) C11

Dihydrido(η-cyclopentadienyl)bis(triphenylphosphine)ruthenium(IV) cations, formation and properties of (T. Wilczewski), (361) 219

Zirconocene acetylenedicarboxylate, preparation and crystal structure of polymeric form of (U. Thewalt, T. Güthner), (361) 309

Molybdenum

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Mononuclear $(CH_3)_nCpM(CO)_3^-\ Na^+$ and dimeric $[(CH_3)_nCpM(CO)_2]_2$ complexes, NMR studies of (I.R. Lyatifov, T.K. Gasanov, P.V. Petrovski, A.I. Lutsenko), (361) 181

Pentacarbonylcyclopentadienylcycloheptatrienyl binuclear complexes, $[M(CO)_3(\eta\text{-}C_5R_5)M'(CO)_2(\eta\text{-}C_7H_7)]$ (M, M′ = Mo or W; R = H or Me), synthesis and spectroscopic properties of (A. Ricalton, M.W. Whiteley), (361) 101

Tetranuclear hydroxocarbonyl-molybdenum and -tungsten complexes, $[Et_4N]_4[Mo(CO)_3(\mu_3\text{-}OH)]_4$ and $[Et_4N]_4[W(CO)_3(\mu_3\text{-}OH)]_4$, synthesis and characterization of (J.T. Lin, S.K. Yeh, G.H. Lee, Y. Wang), (361) 89

Niobium

Allylniobocene compounds, formation by hydrometalation of conjugated dienes with $NbH(C_5H_5)_2$(olefin) of (H. Yasuda, T. Arai, T. Okamoto, A. Nakamura), (361) 161

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Palladium

Cyclopalladated complexes, ligand exchange reactions of N-donor ligands in (R.M. Ceder, M. Gómez, J. Sales), (361) 391

2-Nitrophenylsulphenylaniline derivative, *ortho*-palladation of (A. Guarnieri, A.W. Parkins), (361) 399

Phosphorus

Bis(2-dimethylchlorostannylethyl)phenylphosphine oxide, molecular structure and stereoisomerization (M. Dargatz, H. Hartung, E. Kleinpeter, B. Rensch, D. Schollmeyer, H. Weichmann), (361) 43

Carbonylphosphineplatinum high-nuclearity icosahedral clusters; synthesis and crystal structure of $Pt_{17}(\mu_2\text{-}CO)_4(CO)_8(PEt_3)_8$ (S.S. Kurasov, N.K. Eremenko, Yu.L. Slovokhotov, Yu.T. Struchkov), (361) 405

Dihydrido(η-cyclopentadienyl)bis(triphenylphosphine)ruthenium(IV) cations, formation and properties of (T. Wilczewski), (361) 219

Mono- and bi-nuclear complexes of the rigid bidentate ligand 2-ethylthio-5-diphenylphosphinofuran (M. Bressan, A. Morvillo, J.M. Brown), (361) 249

Monomeric phosphinoboranes, synthesis and rearrangements of (H.H. Karsch, G. Hanika, B. Huber, J. Riede, G. Müller), (361) C25

cis-Phosphanyltetracarbonyltungsten(0) mono- and di-nuclear complexes of pyridines, synthesis and spectroscopy of (B. Olbrich-Deussner, W. Kaim), (361) 335

Phosphidoindium compounds, preparation of; crystal structures of $In(PBu^t_2)_3$ and $[Et_2InPBu^t_2]_2$ (N.W. Alcock, I.A. Degnan, M.G.H. Wallbridge, H.R. Powell, M. McPartlin, G.M. Sheldrick), (361) C33

Pt($Ph_2PCH_2CMe_2O$) chelates SO_2, CO, or 3,5-$Me_2C_6H_3NC$ insertion into the Pt–O bonds of; crystal structure of [PtCl($Ph_2PCH_2CMe_2OCNC_6H_3Me_2$-3,5)($Ph_2PCH_2CMe_3OH$)] (N.W. Alcock, A.W.G. Platt, H.H. Powell, P.G. Pringle), (361) 409

2-Pyridylplatinum(II) complexes, [PtCl(C_5H_4N-C^2)$(L)_2$] (L = tertiary phosphine), preparation and reactions of (B. Crociani, F. Di Bianca, A. Giovenco, A. Berton, R. Bertani), (361) 255

[Rh(COD)(*p*-tolyl-N=PPh_2CHPPh_2NH-*p*-tolyl)][Rh(COD)Cl_2], preparation and crystal structure of (P. Imhoff, C.J. Elsevier), (361) C61

Rh(η^4-C_8H_{12}){η^5-$C_5(CO_2Me)_5$}, Rh(azb)$_2${$C_5(CO_2Me)_5$}, and [M(CO){OC(OH)Me}$(PPh_3)_2$] [$C_5(CO_2Me)_5$] (M = Rh and Ir), crystal structures of (M.I. Bruce, P.A. Humphrey, B.W. Skelton, A.H. White), (361) 369

Silylsilver complexes, formation of (U. Schubert, H. Wagner), (361) C15

Platinum

Bis(ethenyldimethylsilylmethyl)platinum(II) complexes containing nitrogen donor ligands; synthesis and spectroscopic characteristics of (R.D. Kelly, G.B. Young), (361) 123

Carbonylphosphineplatinum high-nuclearity icosahedral clusters; synthesis and crystal structure of $Pt_{17}(\mu_2\text{-}CO)_4(CO)_8(PEt_3)_8$ (S.S. Kurasov, N.K. Eremenko, Yu.L. Slovokhotov, Yu.T. Struchkov), (361) 405

Pt($Ph_2PCH_2CMe_2O$) chelates SO_2, CO, or 3,5-$Me_2C_6H_3NC$ insertion into the Pt–O bonds of; crystal structure of [PtCl($Ph_2PCH_2CMe_2OCNC_6H_3Me_2$-3,5)($Ph_2PCH_2CMe_3OH$)] (N.W. Alcock, A.W.G. Platt, H.H. Powell, P.G. Pringle), (361) 409

2-Pyridylplatinum(II) complexes, [PtCl(C_5H_4N-C^2)$(L)_2$] (L = tertiary phosphine), preparation and reactions of (B. Crociani, F. Di Bianca, A. Giovenco, A. Berton, R. Bertani), (361) 255

Trimethyl(naphthyl)stannane and tri-n-butyl(naphthyl)stannane, synthesis of substituted derivatives of (C. Weisemann, G. Schmidtberg, H.-A. Brune), (361) 299

Rhodium

Mono- and bi-nuclear complexes of the rigid bidentate ligand 2-ethylthio-5-diphenylphosphinofuran (M. Bressan, A. Morvillo, J.M. Brown), (361) 249

Rh(η^4-C_8H_{12}){η^5-$C_5(CO_2Me)_5$}, Rh(azb)$_2${$C_5(CO_2Me)_5$}, and [M(CO){OC(OH)Me}$(PPh_3)_2$] [$C_5(CO_2Me)_5$] (M = Rh and Ir), crystal structures of (M.I. Bruce, P.A. Humphrey, B.W. Skelton, A.H. White), (361) 369

Rhodium-amine complexes as transfer hydrogenation catalysts (P. Kvintovics, B. Heil), (361) 117

Ruthenium

Dihydrido(η-cyclopentadienyl)bis(triphenylphosphine)ruthenium(IV) cations, formation and properties of (T. Wilczewski), (361) 219

[Rh(COD)(*p*-tolyl-N=PPh_2CHPPh_2NH-*p*-tolyl)][Rh(COD)Cl_2], preparation and crystal structure of (P. Imhoff, C.J. Elsevier), (361) C61

Ruthenium(I) binuclear complexes bridged by anionic groups, synthesis of X-ray structures of pyrazolate- and oxypyridinate-bridged complexes (S.J. Sherlock, M. Cowie, E. Singleton, M.M. de V. Steyn), (361) 353

Samarium

Mono-, bis- and tris-(t-butylcyclopentadienyl)lanthanoid complexes, formation of (A.L. Wayda), (361) 73

Selenium

Octacarbonyldicobalt, $Co_2(C)O_8$-mediated and -catalyzed carbonylation of diaryl diselenides and ditellurides with CO (S. Uemura, H. Takahashi, K. Ohe, N. Sugita), (361) 63

Tetranuclear hydroxocarbonyl-molybdenum and -tungsten complexes, $[Et_4N]_4[Mo(CO)_3(\mu_3\text{-}OH)]_4$ and $[Et_4N]_4[W(CO)_3(\mu_3\text{-}OH)]_4$, synthesis and characterization of (J.T. Lin, S.K. Yeh, G.H. Lee, Y. Wang), (361) 89

Silicon

α-Alkoxy- and α-alkyl-substituted organocuprates, regioselectivity of addition of in-situ trimethylsilyl chloride to enals (R.J. Lindermann, J.R. McKenzie), (361) 31

Bis(ethenyldimethylsilylmethyl)platinum(II) complexes containing nitrogen donor ligands; synthesis and spectroscopic characteristics of (R.D. Kelly, G.B. Young), (361) 123

σ-Bonded allyl compounds, σ-π interaction in; a MNDO study (K.Y. Burshtein, A.N. Isaev, P.P. Shorygin), (361) 21

Mono- and bi-nuclear complexes of the rigid bidentate ligand 2-ethylthio-5-diphenylphosphinofuran (M. Bressan, A. Morvillo, J.M. Brown), (361) 249

2-Pyridyldimethylsilane, synthesis and coordination properties of (H.G. Ang, W.L. Kwik), (361) 27

Silylsilver complexes, formation of (U. Schubert, H. Wagner), (361) C15

N-Trimethylsilyl-amides and -lactams, reaction with dimethyl(chloromethyl)chlorosilane of; controlled formation and rearrangement of (N–Si) chelate intermediates (I.D. Kalikhman, A.I. Albanov, O.B. Bannikova, L.I. Belousova, M.G. Voronkov, V.A. Pestunovich, A.G. Shipov, E.P. Kramarova, Yu.I. Baukov), (361) 147

Silver

Silylsilver complexes, formation of (U. Schubert, H. Wagner), (361) C15

Sulphur

Cyclohexenesulphide as sulphur donor for carbyne-transition metal complexes; preparation of dicarbonyl(η^5-cyclopentadienyl)(dithioacetato-*S*,*S*′)tungsten (F.R. Kreissl, N. Ullrich), (361) C30

$Fe(CO)_2(dppe)(SR)_2$ and $Fe_3(CO)_6(SAr)_6$ complexes synthesis and some reactions of; crystal structure of *cis,cis,cis*-$Fe(CO)_2(dppe)(SPh)_2$ (J. Takács, L. Markó, L. Párkányi), (361) 109

Mono- and bi-nuclear complexes of the rigid bidentate ligand 2-ethylthio-5-diphenylphosphinofuran (M. Bressan, A. Morvillo, J.M. Brown), (361) 249

2-Nitrophenylsulphenylaniline derivative, *ortho*-palladation of (A. Guarnieri, A.W. Parkins), (361) 399

Pt($Ph_2PCH_2CMe_2O$) chelates SO_2, CO, or 3,5-$Me_2C_6H_3NC$ insertion into the Pt–O bonds of; crystal structure of $[PtCl(Ph_2PCH_2CMe_2OCNC_6H_3Me_2\text{-}3,5)(Ph_2PCH_2CMe_3OH)]$ (N.W. Alcock, A.W.G. Platt, H.H. Powell, P.G. Pringle), (361) 409

Tetranuclear hydroxocarbonyl-molybdenum and -tungsten complexes, $[Et_4N]_4[Mo(CO)_3(\mu_3\text{-}OH)]_4$ and $[Et_4N]_4[W(CO)_3(\mu_3\text{-}OH)]_4$, synthesis and characterization of (J.T. Lin, S.K. Yeh, G.H. Lee, Y. Wang), (361) 89

6-(2″-Thienyl)-2,2′-bipyridine, direct cycloauration of (E.C. Constable, R.P.G. Henney, T.A. Leese), (361) 277

Tantalum

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Tellurium

Octacarbonyldicobalt, $Co_2(C)O_8$-mediated and -catalyzed carbonylation of diaryl diselenides and ditellurides with CO (S. Uemura, H. Takahashi, K. Ohe, N. Sugita), (361) 63

Thallium

Monoorganothallium(III) ions containing $RC(O)CH_2$ groups, formation, equilibrium properties and decomposition in aqueous solution of preparation of monoacylmethylthallium(III) compounds (B. Györi, A. Sánchez, J. Glaser), (361) 1

Thorium

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Tetraindenylthorium, new preparation of (H. Goffart, S. Bettonville), (361) 17

Tin

Bis(acetylacetonato)dihalogenotin(IV) preparation by action of molecular oxygen on tin(II) halides in actylacetone of (A.G. Stepanov), (361) 157

Bis(2-dimethylchlorostannylethyl)phenylphosphine oxide, molecular structure and stereoisomerization (M. Dargatz, H. Hartung, E. Kleinpeter, B. Rensch, D. Schollmeyer, H. Weichmann), (361) 43

Bis(triphenylarsine oxide)(*p*-chlorophenyl)diphenyltin(IV) tetraphenylborate, $[(p\text{-}ClC_6H_4)Ph_2Sn(Ph_3AsO)_2][BPh_4]$, synthesis and crystal structure of (N.W. Kong, C. Wei, V.G. Kumar Das, R.J. Butcher), (361) 53

σ-Bonded allyl compounds, σ-π interaction in; a MNDO study (K.Y. Burshtein, A.N. Isaev, P.P. Shorygin), (361) 21

Organometallic substrates of enzymes, lipase catalysed transesterifications in organic solvents via *O*-stannyl ethers (M. Therisod), (361) C8

Organotin heterocycles from thermal cyclisation of organotin tetrazoles, synthesis and crystal structure of 2,3,4,5-tetraaza-6-diphenylstannyl[3.4]bicyclonona-1,3-diene (M.F. Mahon, K.C. Molloy, P.C. Waterfield), (361) C5

Trimethyl(naphthyl)stannane and tri-n-butyl(naphthyl)stannane, synthesis of substituted derivatives of (C. Weisemann, G. Schmidtberg, H.-A. Brune), (361) 299

Titanium

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Tungsten

Alkylidyne complex, $[W(\equiv CR)(CO)_2(\eta\text{-}C_5H_5)]$, reactions with dicobaltatetrahedranes of; crystal structure of $[Co_2W(\mu_3\text{-}PhCCHCR)(\mu\text{-}CO)(CO)_5(\eta\text{-}C_5H_5)] \cdot H_2O$ ($R = C_6H_4Me$-4) (G.A. Carriedo, V. Riera, M.G. Sanchez, Y. Jeannin, M. Piloche-Levisalles), (361) 197

Cyclohexenesulphide as sulphur donor for carbyne-transition metal complexes; preparation of dicarbonyl(η^5-cyclopentadienyl)(dithioacetato-*S*,*S'*)tungsten (F.R. Kreissl, N. Ullrich), (361) C30

Mononuclear $(CH_3)_nCpM(CO)_3^- Na^+$ and dimeric $[(CH_3)_nCpM(CO)_2]_2$ complexes, NMR studies of (I.R. Lyatifov, T.K. Gasanov, P.V. Petrovski, A.I. Lutsenko), (361) 181

Pentacarbonylcyclopentadienylcycloheptatrienyl binuclear complexes, $[M(CO)_3(\eta\text{-}C_5R_5)M'(CO)_2(\eta\text{-}C_7H_7)]$ (M, M' = Mo or W; R = H or Me), synthesis and spectroscopic properties of (A. Ricalton, M.W. Whiteley), (361) 101

cis-Phosphanyltetracarbonyltungsten(0) mono- and di-nuclear complexes of pyridines, synthesis and spectroscopy of (B. Olbrich-Deussner, W. Kaim), (361) 335

Tetranuclear hydroxocarbonyl-molybdenum and -tungsten complexes, $[Et_4N]_4[Mo(CO)_3(\mu_3\text{-}OH)]_4$ and $[Et_4N]_4[W(CO)_3(\mu_3\text{-}OH)]_4$, synthesis and characterization of (J.T. Lin, S.K. Yeh, G.H. Lee, Y. Wang), (361) 89

Tungsten nonheteroatom-stabilised carbene anion, $[CpW(CO)_2(=CHPh)]^-$, synthesis and reactions of (M.J. Winter, S. Woodward), (361) C18

α,β-Unsaturated carbene-tungsten complex, $(CO)_5W[C(OCH_3)CH{=}CH_2]$, synthesis and reactivity of (D.W. Macomber, M. Liang, P. Madhukar, A.G. Verma), (316) 187

Zinc

Inorganic and organometallic compounds, estimation of standard enthalpies of formation of (A.R. Dias, J.A. Martinho Simões, C. Teixeira, C. Airoldi, A.P. Chagas), (361) 319

Pentafluorophenyl-zinc and -cadmium compounds, formation and structure of $(C_6F_5)_2Zn(thf)_2$ and tetrameric C_6F_5CdOH (M. Weidenbruch, M. Herrndorf, A. Schäfer, S. Pohl, E. Saak), (361) 139

Zirconium

Zirconocene acetylenedicarboxylate, preparation and crystal structure of polymeric form of (U. Thewalt, T. Güthner), (361) 309

Book reviews

Inorganic reactions and methods, Vol. 7, Formation of bonds to N, P, As, Sb, Bi (Part 1); edited by J.J. Zuckerman (J.D. Smith), (361) C46

Organolithium methods; by B.J. Wakefield (C. Eaborn), (361) C47

Proceedings of the 11th summer school on coordination chemistry and catalysis; edited by J.J. Ziółkowski (P.A. Chaloner), (361) C21

Silicon reagents in organic synthesis; by E.W. Colvin (P.D. Lickiss), (361) C48